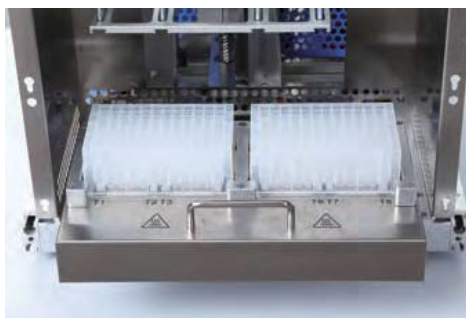


# AUTO-PURE32A

Auto-Pure32A Nucleic Acid Extraction and Purification Instrument is a device that extracts and purifies nucleic acid by magnetic bead method. It has the advantages of high automation, fast extraction speed, stable results and simple operation. Using 96 deepwell plate, 1-32 samples can be purified simultaneously. DNA and RNA in animal and plant tissues, blood, body fluids and criminal samples can be extracted quickly with different kinds of bead nucleic acid reagents. It is widely used in scientific research, disease control system, food safety, forensic medicine, clinical monitoring and other fields.

## TECHNICAL DATA

Throughput	1~32
Process volume	50~1000ul
Consumables	96 Deepwell plate
Working principle	Magnetic beads method
Software security design	Operating system encryption function can effectively prevent malicious tampering with parameters and programs
Anti-pollution design	6 fan convection design to effectively prevent aerosol pollution
Purification accuracy	100 copy sample positive rate>95%
Stability	CV<5%
Magnetic beads recycling rate	>95%
Lysis temp.	Ambient temperature ~120°C
Elution temp.	Ambient temperature ~120°C
Mixing	Mixing ways can be editable
Operation interface	7 inch color touch screen, 3 shortcuts, external mouse
Built-in protocol	8 groups of preset protocols, 100 groups of protocols can be stored
Program management	New, Edit, Delete, Save as etc.
Expansion interface	Standard USB, ethernet port and WIFI are available
Lighting	Yes
Pollution Control	UV light
Exhaust way	By fan
Data storage	Available, with built-in SD card
Max. input power	450W
Dimensions	40cm×47cm×45cm
Weight	28kg



*As Instruments reserves the right to make changes or modifications to its products without prior notice, in order to improve its operation and / or presentation.*